

Appl. No. 09/724,845
Amdt. dated September 9, 2003
Reply to Office Action of June 9, 2003

PATENT

Listing of Claims:

1 11. (Currently amended) An areally extended composite material including
2 fibers and plastic impregnations, the material comprising at least two arrays of parallel fiber
3 ~~strands~~ cords that may be bundle-like or band-like, the two arrays extending in different
4 directions, forming a web, mesh or grid, wherein the fibers of the first array are impregnated
5 with more ~~plastic~~ thermoplastic particles than the fibers of a second array such that the
6 composite material is stiff in a direction of the fibers of the first array and is flexible transversely
7 to said direction, and wherein openings exist between the fiber strands.

1 12. (Currently amended) An areally extended composite material in
2 accordance with claim 11 wherein the fiber ~~strands~~ cords are one of either a bundle or band.

1 13. (Previously presented) An areally extended composite material in
2 accordance with claim 11 wherein the fibers of the first array are impregnated with more plastic
3 than the fibers of a third array.

1 14. (Currently amended) An areally extended composite material in
2 accordance with claim 11 wherein the composite material is built up through two arrays of fiber
3 ~~strands~~ cords that cross at binding points and thus form one of a web or a mesh.

1 15. (Currently amended) An areally extended composite material in
2 accordance with claim 11 wherein the fiber ~~strands~~ cords of the first array have an impregnation
3 that, in relation to a maximum capacity of plastic that is possible to be taken up, is at least 35%,
4 and wherein the impregnation of fiber ~~strands~~ cords of a third array is less than 20%.

1 16. (Currently amended) An areally extended composite material in
2 accordance with claim 15 wherein the impregnation of the fiber ~~strands~~ cords of the third array
3 is less than 5%.

1 17. (Previously presented) An areally extended composite material in
2 accordance with claim 11 wherein the plastic for the impregnation is a thermoplastic.

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1 18. (Previously presented) An areally extended composite material in
2 accordance with claim 17 wherein at least one of a pulverized duroplastic and a pulverized
3 inorganic material is mixed with the plastic for the impregnation.

1 19. (Previously presented) An areally extended composite material in
2 accordance with claim 11 wherein the fibers of the first array have a smaller diameter than the
3 fibers of the second array.

1 20. (Previously presented) An areally extended composite material in
2 accordance with claim 19 wherein the fibers of the first array have a smaller diameter than the
3 fibers of a third array.

1 21. (Previously presented) An areally extended composite material in
2 accordance with claim 19 wherein the fibers of the first array consist of carbon and the fibers of
3 the second array consist of glass.

1 22. (Previously presented) An areally extended composite material in
2 accordance with claim 20 wherein the fibers of a third array consist of glass.